

PATENT

Applicant: **Naidu**
Serial No.: **10/021871**
Filed: **12/17/2001**
Title: **PROBIOTIC COMPOUNDS
DERIVED FROM
LACTOBACILLUS CASEI
STRAIN KE01**

Examiner: **Unknown**
Group Art Unit: **Unknown**
Atty Docket No.: **20424.12**

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J. Q. J.
2/19/02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Please amend the above-identified application as outlined below:

[0024] The present inventor has developed methods for preparing and packaging a new strain of L. casei, designated KE01. This new strain of L. casei was originally from a traditional fermented yoghurt-like Asian dairy product by the present inventor.

Subsequently, the present inventor characterized the isolate and the strain deposited with the American Type Culture Collection (ATCC, MD, USA)). Lactobacillus casei strain KE01 has been given the ATCC depository number PTA-3945. Moreover, the present inventor has developed preparations that maintain L. casei KE01 viability such that a clinically effective dose of viable probiotic microorganisms reaches the host.

[0038] One embodiment of the present invention is a dietary supplement comprising approximately from 10^5 to 10^{11} colony forming units of viable lactobacilli per gram. In another embodiment of the present invention the dietary supplement comprises from approximate 10^5 to 10^{11} non-viable lactobacilli per gram. The lactobacillus of the present invention is Lactobacillus casei strain KE01 having the American Type Culture Collection (ATCC) accession number PTA-3945. A colony forming unit (CFU) of Lactobacillus casei KE01 equates to one bacterial cell. Although

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